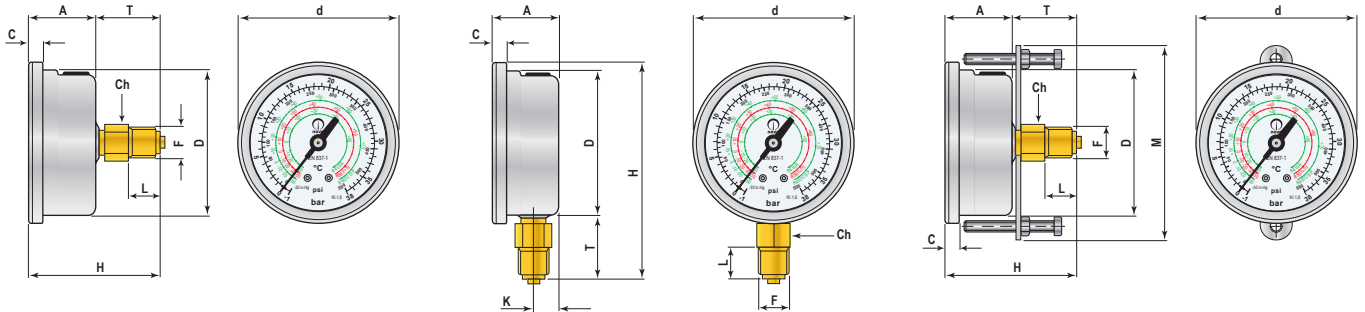


Stainless steel case pressure gauges with or without liquid filling, parts in contact with the process in brass material, sensing element Bourdon tube, suitable for applications on plant or machinery with pulsating pressures and mechanical vibrations, particularly on cooling systems and civil/industrial refrigeration, for all uses in the HVACR sector. Must be used with not aggressive fluids or gases to the copper alloy.

P-Type stem mounted, centre back connection

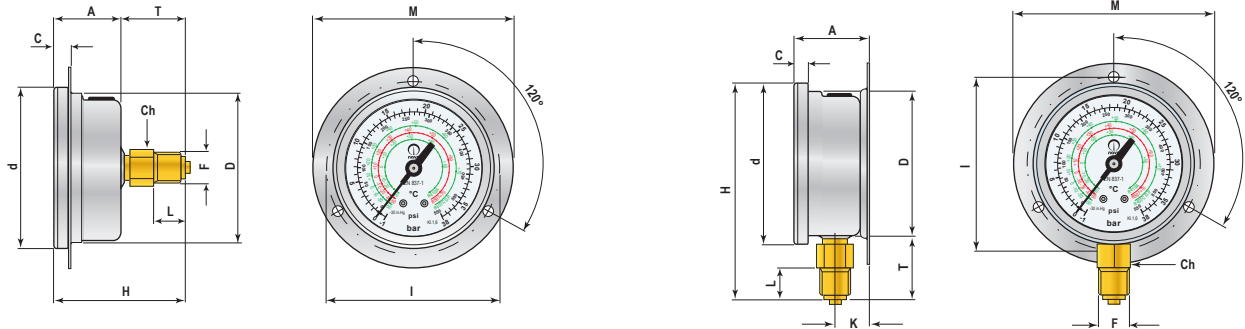
R-Type stem mounted, bottom connection

S-Type panel mounted with clamp
centre back connection



F-Type panel mounted with front flange, centre back connection

E-Type surface mounted with back flange, bottom connection



Dimensions: mm	A	C	D	d	F	H	I	K	L	M	T	Ch	Weight
P-Type	28	6,5	62	69	1/4 BSP - BSPT - NPT - SAE 1/8 BSP - BSPT - NPT	56			13		28	14	~ 203 g
R-Type	28	6,5	62	69	1/4 BSP - BSPT - NPT - SAE 1/8 BSP - BSPT - NPT	91		11	13		26	14	~ 199 g
S-Type	28	6,5	62	69	1/4 BSP - BSPT - NPT - SAE 1/8 BSP - BSPT - NPT	56			13	82	28	14	~ 241 g
F-Type	28	7,5	64	69	1/4 BSP - BSPT - NPT - SAE 1/8 BSP - BSPT - NPT	56	74,5		13	85	28	14	~ 229 g
E-Type	32	6,5	62	69	1/4 BSP - BSPT - NPT - SAE 1/8 BSP - BSPT - NPT	91	74,5	15	13	85	26	14	~ 243 g

* : weight refers to the glycerine filled pressure gauge.

Technical features

Reference standard: EN 837-1.

Safety code: S1 according to EN 837-1.

Pressure ranges: from -1 bar to 160 bar.

Accuracy: Kl. 1,6 % according to EN 837-1.

Ambient temperature: -25 ... +65 °C (-40 ... +65 °C with silicone oil).

Process fluid temperature: max. +65 °C.

Thermal effect: When working temperature deviates from reference temperature (+ 20°C): max ± 0,4 % / 10K of end-of-scale value.

Working pressure: Steady: 3/4 full scale value.
Fluctuating: 2/3 full scale value.
Short time: full scale value.

Ingress protection: IP 65 according to EN 60 529 / IEC 529.

Design features

Process connection: Cu alloy with internal restrictor Ø 0,7mm for HP.

Cu alloy Bourdon tube: C-type < 60 bar ;
helical-type ≥ 60 bar.

Case / Bezel ring / Flange: stainless steel.

Clamp: zinc-plated steel.

Window: plastic material SAN.

Movement: Cu alloy.

Dial: Aluminium white with standard black / red lettering.

Pointer: Black aluminium.

Liquid filling: Glycerine 30 Be - 99,5 %.

Options

- Window transparent safety glass.
- Dials with customized pressure levels and coolers.
- Pointer adjustment.
- Accuracy class 1%.
- Average working temperature increased till 100 °C with special soft soldering. (only execution without liquid filling)
- Silicone oil filling.
- Internal pressure restrictor.
- Threads on request available.

Ordering Informations:

Type / Nominal Diameter / Pressure Range / Connection Type / Options

Modifications may take place and materials specified may be replaced by others without prior notice.
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.

**AZIENDA CON SISTEMA
DI GESTIONE QUALITA'
CERTIFICATO DA DNV GL
= ISO 9001 =**



Nava s.a.s. di Nava M. & C.
Via Trieste, 10
22037 Pontelambro (Como)
tel. 031/620610
fax 031/621572
www.nava.it
E-Mail: info@nava.it